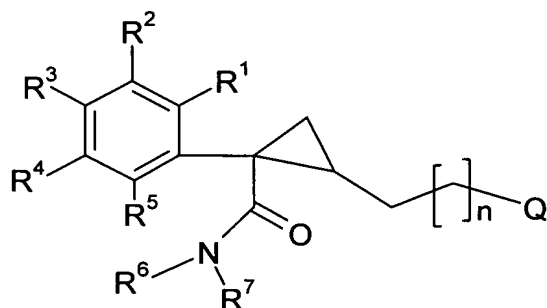


## CLAIMS

1. A compound of formula I



(I)

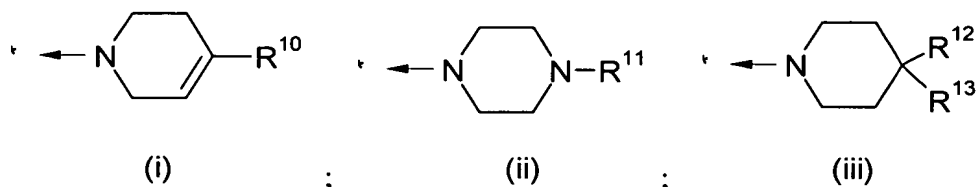
5

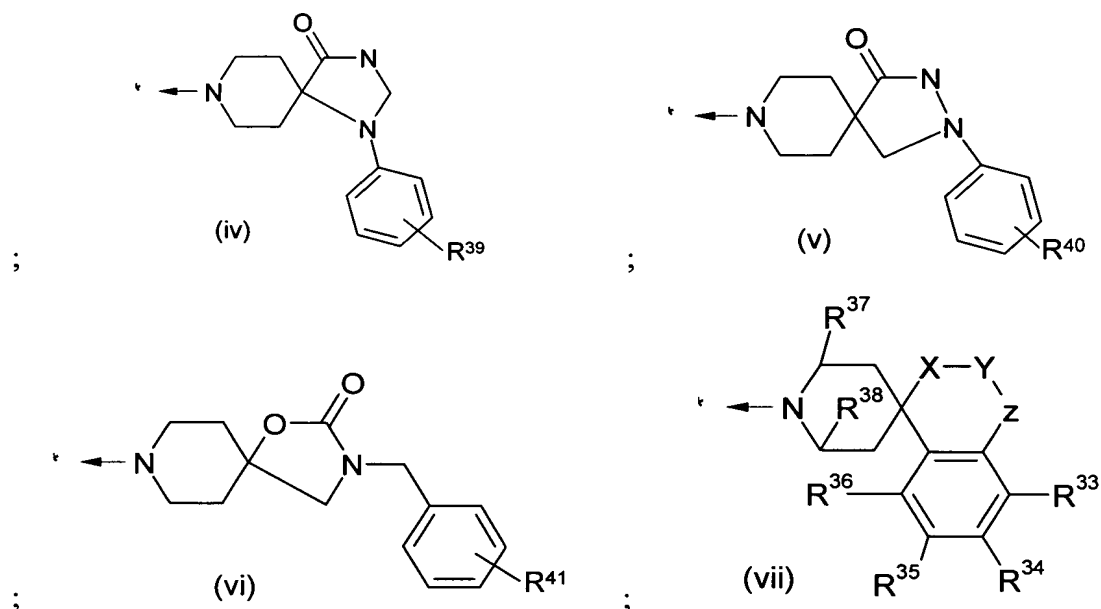
or a salt thereof, such as a pharmaceutically acceptable salt;

wherein

- $R^1$ - $R^5$  are independently selected from hydrogen, halogen, cyano, nitro,  $C_{1-6}$ -alk(en/yn)yl,  $C_{3-8}$ -cycloalk(en)yl,  $C_{3-8}$ -cycloalk(en)yl- $C_{1-6}$ -alk(en/yn)yl, amino,  $C_{1-6}$ -alk(en/yn)ylamino, di-( $C_{1-6}$ -alk(en/yn)yl)amino,  $C_{1-6}$ -alk(en/yn)ylcarbonyl, aminocarbonyl,  $C_{1-6}$ -alk(en/yn)ylaminocarbonyl, di-( $C_{1-6}$ -alk(en)yl)aminocarbonyl, hydroxy,  $C_{1-6}$ -alk(en/yn)ylloxy,  $C_{1-6}$ -alk(en/yn)ylthio, halo- $C_{1-6}$ -alk(en/yn)yl, halo- $C_{1-6}$ -alk(en/yn)ylsulfonyl, halo- $C_{1-6}$ -alk(en/yn)ylsulfanyl, and  $C_{1-6}$ -alk(en/yn)ylsulfonyl;
- $R^6$  is selected from hydrogen, halo- $C_{1-6}$ -alk(en/yn)yl,  $C_{1-6}$ -alk(en/yn)yl,  $C_{3-8}$ -cycloalk(en)yl, and  $C_{3-8}$ -cycloalk(en)yl- $C_{1-6}$ -alk(en/yn)yl ;
- $R^7$  is an aryl or a heteroaryl; or  $R^7$  is a group aryl- $CR^8R^9$ -, wherein  $R^8$  and  $R^9$  are independently selected from hydrogen,  $C_{1-6}$ -alk(en/yn)yl,  $C_{3-8}$ -cycloalk(en)yl, and  $C_{3-8}$ -cycloalk(en)yl- $C_{1-6}$ -alk(en/yn)yl;
- n is 0, 1, or 2;

20 Q is selected from (i)-(vii), the arrow indicating the attachment point:





wherein R<sup>10</sup> is an aryl;

wherein R<sup>11</sup> is selected from an aryl or benzyl, halo-C<sub>1-6</sub>-alk(en/yn)ylsulfonyl, C<sub>1-6</sub>-alk(en/yn)ylsulfonyl, arylsulphonyl, arylacyl, C<sub>1-6</sub>-alk(en/yn)ylcarbonyl, aminocarbonyl, C<sub>1-6</sub>-alk(en/yn)ylaminocarbonyl, and di-(C<sub>1-6</sub>-alk(en)yl)aminocarbonyl;

wherein R<sup>12</sup> is an aryl;

wherein R<sup>13</sup> is hydrogen, hydroxy, cyano, or amino, or one of the following groups:

-NHC<sub>1-6</sub>-alk(en/yn)yl;

-N(C<sub>1-6</sub>-alk(en/yn)yl)<sub>2</sub>;

-NR<sup>14</sup>COR<sup>15</sup>, wherein R<sup>14</sup> is hydrogen or C<sub>1-6</sub>-alk(en/yn)yl and R<sup>15</sup> is C<sub>1-6</sub>-alk(en/yn)yl or C<sub>3-8</sub>-cycloalk(en)yl;

-NR<sup>16</sup>COCONR<sup>17</sup>R<sup>18</sup>, wherein R<sup>16</sup> is hydrogen or C<sub>1-6</sub>-alk(en/yn)yl and R<sup>17</sup> and R<sup>18</sup> are selected independently from hydrogen, C<sub>1-6</sub>-alk(en/yn)yl and C<sub>3-8</sub>-cycloalkyl; or R<sup>17</sup> and R<sup>18</sup> together with the nitrogen to which they are attached form a piperidinyl, piperazinyl or morpholinyl, wherein said piperidinyl, piperazinyl and morpholinyl are optionally substituted with a C<sub>1-6</sub>-alk(en/yn)yl;

-NR<sup>19</sup>CONR<sup>20</sup>R<sup>21</sup>, wherein R<sup>19</sup> is hydrogen or C<sub>1-6</sub>-alk(en/yn)yl and R<sup>20</sup> and R<sup>21</sup> are selected independently from hydrogen and C<sub>1-6</sub>-alk(en/yn)yl or C<sub>3-8</sub>-cycloalkyl; or R<sup>20</sup> and R<sup>21</sup> together with the nitrogen to which they are attached form a piperidinyl, piperazinyl or morpholinyl, wherein said piperidinyl, piperazinyl and morpholinyl is optionally substituted with a C<sub>1-6</sub>-alk(en/yn)yl;

- NR<sup>22</sup>SO<sub>2</sub>R<sup>23</sup>, wherein R<sup>22</sup> is hydrogen, C<sub>1-6</sub>-alk(en/yn)yl or C<sub>3-8</sub>-cycloalkyl and R<sup>23</sup> are amino, C<sub>1-6</sub>-alk(en/yn)yl or C<sub>3-8</sub>-cycloalkyl;
- COR<sup>24</sup>, wherein R<sup>24</sup> is C<sub>1-6</sub>-alk(en/yn)yl or C<sub>3-8</sub>-cycloalkyl;
- CONR<sup>25</sup>R<sup>26</sup>, wherein R<sup>25</sup> and R<sup>26</sup> independently are selected from hydrogen, C<sub>1-6</sub>-alk(en/yn)yl and C<sub>3-8</sub>-cycloalkyl; or R<sup>25</sup> and R<sup>26</sup> together with the nitrogen to which they are attached form a piperidinyl, piperazinyl or morpholinyl, wherein said piperidinyl, piperazinyl and morpholinyl is optionally substituted with a C<sub>1-6</sub>-alkyl;
- NHCOOR<sup>42</sup>, wherein R<sup>42</sup> is C<sub>1-6</sub>-alk(en/yn)yl or C<sub>3-8</sub>-cycloalk(en)yl;
- wherein X, Y, and Z are selected independently from a bond; O; NR<sup>27</sup>; CR<sup>28</sup>R<sup>29</sup> and S(O)<sub>m</sub>, wherein m is 0, 1 or 2;
- wherein R<sup>27</sup> is selected from hydrogen, C<sub>1-6</sub>-alk(en/yn)yl, C<sub>3-8</sub>-cycloalkyl, C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkyl, trifluoromethyl, acyl, thioacyl and trifluoromethylsulfonyl; or
- R<sup>27</sup> is a group R<sup>30</sup>SO<sub>2</sub>-, R<sup>30</sup>OCO- or R<sup>30</sup>SCO-, wherein R<sup>30</sup> is C<sub>1-6</sub>-alk(en/yn)yl, C<sub>3-8</sub>-cycloalkyl, or C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkyl; or
- R<sup>27</sup> is a group R<sup>31</sup>R<sup>32</sup>NCO- or R<sup>31</sup>R<sup>32</sup>NCS-, wherein R<sup>31</sup> and R<sup>32</sup> are independently selected from hydrogen, C<sub>1-6</sub>-alk(en/yn)yl, C<sub>3-8</sub>-cycloalkyl, C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkyl and aryl; or wherein R<sup>31</sup> and R<sup>32</sup> together with the N-atom to which they are linked, form a pyrrolidinyl, piperidinyl or perhydroazepinyl group;
- wherein R<sup>28</sup> and R<sup>29</sup> are independently selected from hydrogen, fluoro, C<sub>1-6</sub>-alk(en/yn)yl, C<sub>3-8</sub>-cycloalkyl, and C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkyl;
- wherein R<sup>33</sup>-R<sup>36</sup> are independently selected from hydrogen, halogen, cyano, nitro, C<sub>1-6</sub>-alk(en/yn)yl, C<sub>3-8</sub>-cycloalkyl, C<sub>3-8</sub>-cycloalkyl-alkyl, amino, C<sub>1-6</sub>-alkylamino, di-(C<sub>1-6</sub>-alkyl)amino, C<sub>1-6</sub>-alkylcarbonyl, aminocarbonyl, C<sub>1-6</sub>-alkylaminocarbonyl, di-(C<sub>1-6</sub>-alkyl)aminocarbonyl, C<sub>1-6</sub>-alkoxy, C<sub>1-6</sub>-alkylthio, hydroxy, trifluoromethyl, trifluoromethylsulfonyl and C<sub>1-6</sub>-alkylsulfonyl;
- wherein R<sup>37</sup>-R<sup>38</sup> are either both hydrogen or are fused together in an ethylene chain CH<sup>2</sup>-CH<sup>2</sup>- forming an aza-bicyclo[3.2.1]octane-yl;
- wherein R<sup>39</sup>-R<sup>41</sup> are independently selected from the group consisting of hydrogen and halogen;
- provided that no more than one of X, Y and Z may be a bond, and provided that two adjacent groups X, Y or Z may not at the same time be selected from O and S.

2. The compound or salt of claim 1, wherein  $R^1$ - $R^5$  are independently selected from hydrogen, halogen, cyano,  $C_{1-6}$ -alk(en/yn)yl,  $C_{3-8}$ -cycloalk(en)yl,  $C_{3-8}$ -cycloalk(en)yl- $C_{1-6}$ -alk(en/yn)yl,  $C_{1-6}$ -alk(en/yn)yl,  $C_{1-6}$ -alk(en/yn)ylthio, and halo- $C_{1-6}$ -alkyl, .e.g trifluoromethyl.
- 5 3. The compound or salt of claim 1, wherein  $R^1$ - $R^5$  is hydrogen.
4. The compound or salt of claim 1, wherein  $R^1$ - $R^5$  are independently selected from hydrogen and halogen.
5. The compound or salt of claim 1, wherein  $R^1$ - $R^5$  are independently selected from hydrogen and chloro.
- 10 6. The compound or salt of claim 1, wherein  $R^1$ - $R^5$  are independently selected from hydrogen and fluoro.
7. The compound or salt of claim 5, wherein  $R^2$  is chloro and  $R^3$  is hydrogen.
8. The compound or salt of claim 5, wherein  $R^2$  and  $R^3$  are chloro.
9. The compound or salt of claim 6, wherein  $R^2$  is fluoro and  $R^3$  is hydrogen.
- 15 10. The compound or salt of claim 6, wherein  $R^2$  and  $R^3$  are fluoro.
11. The compound or salt of any of claims 7-10, wherein  $R^1$ ,  $R^4$  and  $R^5$  are hydrogen.
12. The compound or salt of any of claims 1-11, wherein  $R^6$  is selected from hydrogen,  $C_{1-6}$ -alkyl,  $C_{3-8}$ -cycloalkyl, and  $C_{3-8}$ -cycloalkyl- $C_{1-6}$ -alkyl.
- 13 The compound or salt of any of claims 1-11, wherein  $R^6$  is selected from hydrogen  
20 and  $C_{1-6}$ -alk(en/yn)yl.
14. The compound or salt of any of claims 1-11, wherein  $R^6$  is hydrogen.
15. The compound or salt of of any of claims 1-11, wherein  $R^6$  is a  $C_{1-6}$ -alkyl.
16. The compound or salt of claim 15, wherein  $R^6$  is methyl.
17. The compound or salt of any of claims 1-16, wherein  $R^7$  is the group [aryl- $CR^8R^9$ ].
- 25 18. The compound or salt of claim 17, wherein  $R^8$  and  $R^9$  are independently selected from hydrogen,  $C_{1-6}$ -alkyl,  $C_{3-8}$ -cycloalkyl and  $C_{3-8}$ -cycloalkyl- $C_{1-6}$ -alkyl.
19. The compound or salt of claim 17, wherein  $R^8$  and  $R^9$  are independently selected from hydrogen and  $C_{1-6}$ -alkyl.
20. The compound or salt of claim 17, wherein  $R^8$  and  $R^9$  are independently selected  
30 from hydrogen and methyl.
21. The compound or salt of claim 17, wherein  $R^8$  and  $R^9$  are hydrogen.
22. The compound or salt of claim 17, wherein  $R^8$  is hydrogen and  $R^9$  is methyl.
23. The compound of any of claims 1-16, wherein  $R^7$  is an aryl or a heteroaryl.

24. The compound or salt of any of claims 17-23, wherein said aryl or heteroaryl is monocyclic or bicyclic.
25. The compound or salt of any of claims 17-24, wherein said aryl or heteroaryl is unsubstituted.
- 5 26. The compound or salt of any of claims 17-24, wherein said aryl or heteroaryl is substituted with one or more substituents.
27. The compound or salt of claim 26, wherein said aryl or heteroaryl is substituted with one or more substituents selected from halogen, cyano, nitro, C<sub>1-6</sub>-alkyl, C<sub>2-6</sub>-alkenyl, C<sub>2-6</sub>-alkynyl, C<sub>3-8</sub>-cycloalkyl, C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkyl, amino, C<sub>1-6</sub>-alkylamino, di-(C<sub>1-6</sub>-alkyl)amino, C<sub>1-6</sub>-alkylcarbonyl, aminocarbonyl, C<sub>1-6</sub>-alkylaminocarbonyl, di-(C<sub>1-6</sub>-alkyl)aminocarbonyl,  
 10 C<sub>1-6</sub>-alkylcarbonylamino, C<sub>1-6</sub>-alkylcarbonyl C<sub>1-6</sub>-alkylamino, C<sub>1-6</sub>-alkoxy, C<sub>1-6</sub>-alkylthio, hydroxy, trifluoromethyl, difluoromethyl, fluoromethyl and trifluoromethylsulfonyl.
28. The compound or salt of any of claims 24-27, wherein R<sup>7</sup> is the group aryl-CR<sup>8</sup>R<sup>9</sup>-  
 15 as defined in any of claims 17-22, and the aryl of said group aryl-CR<sup>8</sup>R<sup>9</sup>- is as defined in any of claims 24-27.
29. The compound or salt of claim 28, wherein said aryl is an optionally substituted phenyl.
30. The compound or salt of claim 28 or 29, wherein said aryl is mono- or poly-  
 20 substituted, e.g. di-substituted, with a halogen, e.g. fluoro or chloro.
31. The compound of claim 17, wherein R<sup>7</sup> is the group aryl-CR<sup>8</sup>R<sup>9</sup>- and R<sup>7</sup> is selected from benzyl, or halogen substituted benzyl, e.g. 4-halo benzyl, such as 4-fluorobenzyl, or 2-halo-benzyl, such as 2-chloro-benzyl.
32. The compound or salt of any of claims 1-31, wherein Q is (i).
- 25 33. The compound or salt of claim 32, wherein R<sup>10</sup> is an aryl as defined in any of claims 24-30.
34. The compound or salt of any of claims 1-31, wherein Q is (ii).
35. The compound or salt of claim 34, wherein R<sup>11</sup> is selected from an optionally substituted aryl or optionally substituted benzyl, trifluoromethylsulfonyl, C<sub>1-6</sub>-alkylsulfonyl, arylsulphonyl, arylacyl, C<sub>1-6</sub>-alkylcarbonyl, aminocarbonyl, C<sub>1-6</sub>-alkylaminocarbonyl and di-  
 30 (C<sub>1-6</sub>-alkyl)aminocarbonyl).
36. The compound or salt of claim 34 or 35, wherein R<sup>11</sup> is an aryl as defined in any of claims 24-30.

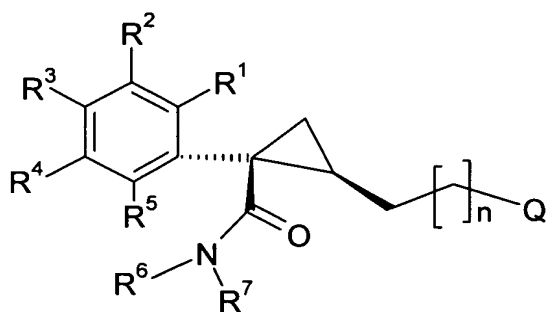
37. The compound or salt of claim 34, wherein  $R^{11}$  is an arylsulphonyl or an arylcarbonyl, wherein the aryl part of said arylsulphonyl or arylacyl is as defined in any of claims 24-30.
- 38 The compound or salt of any of claims 1-31, wherein Q is selected from (iii-vii).
- 5 39. The compound or salt of claim 38, wherein Q is (iii).
40. The compound or salt of claim 39, wherein  $R^{12}$  is an aryl as defined in any of claims 24-30.
41. The compound or salt of claim 39, wherein  $R^{12}$  is a phenyl.
42. The compound or salt of claim 39, wherein  $R^{12}$  is a phenyl substituted with one or  
10 more substituents.
43. The compound or salt of claim 40 or 42, wherein said aryl in  $R^{12}$  is substituted with one or more substituents selected from a halogen and trifluoromethyl.
44. The compound or salt of claim 39, wherein  $R^{12}$  is 4-chloro-3-trifluoromethyl-phenyl.
45. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is selected from hydroxy,  
15  $-NR^{14}COR^{15}$ ,  $-NR^{16}COCONR^{17}R^{18}$ ,  $-NR^{19}CONR^{20}R^{21}$ ,  $-NR^{22}SO_2R^{23}$ ,  $-COR^{24}$ , and  $-CONR^{25}R^{26}$ .
46. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is hydroxy.
47. The compound or salt of claim 46, wherein  $R^{12}$  is as defined in claim 44.
48. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is  $-NR^{14}COR^{15}$ .
- 20 49. The compound or salt of claim 48, wherein  $R^{14}$  is hydrogen or  $C_{1-6}$ -alkyl and  $R^{15}$  is  $C_{1-6}$ -alkyl or  $C_{3-8}$ -cycloalkyl.
50. The compound or salt of claim 48 or 49, wherein  $R^{14}$  is hydrogen or methyl.
51. The compound or salt of any of claims 48-50, wherein  $R^{15}$  is methyl.
52. The compound or salt of claim 48, wherein  $R^{14}$  is hydrogen and  $R^{15}$  is methyl; or  $R^{14}$   
25 and  $R^{15}$  is methyl.
53. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is  $-NR^{16}COCONR^{17}R^{18}$ .
54. The compound or salt of claim 53, wherein  $R^{16}$  is hydrogen or  $C_{1-6}$ -alkyl and wherein  $R^{17}$  and  $R^{18}$  are selected independently from hydrogen,  $C_{1-6}$ -alkyl and  $C_{3-8}$ -cycloalkyl.
- 30 55. The compound or salt of claim 53, wherein  $R^{16}$  is hydrogen or  $C_{1-6}$ -alkyl and wherein  $R^{17}$  and  $R^{18}$  together with the nitrogen to which they are attached form a piperidinyl, piperazinyl or morpholinyl, wherein said piperidinyl, piperazinyl and morpholinyl are optionally substituted with a  $C_{1-6}$ -alkyl.

56. The compound or salt of claim 53, wherein said  $R^{16}$ ,  $R^{17}$  and  $R^{18}$  are hydrogen;  $R^{16}$  is  $C_{1-6}$ -alkyl, and  $R^{17}$  and  $R^{18}$  are hydrogen;  $R^{16}$  and  $R^{17}$  are hydrogen and  $R^{18}$  is  $C_{1-6}$ -alkyl;  $R^{16}$  and  $R^{17}$  are  $C_{1-6}$ -alkyl and  $R^{18}$  is hydrogen;  $R^{16}$  is hydrogen and  $R^{17}$  and  $R^{18}$  are  $C_{1-6}$ -alkyl; or  $R^{16}$ ,  $R^{17}$  and  $R^{18}$  are  $C_{1-6}$ -alkyl.
57. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is  $-NR^{19}CONR^{20}R^{21}$ .
58. The compound or salt of claim 57, wherein  $R^{19}$ ,  $R^{20}$  and  $R^{21}$  are independently selected from hydrogen,  $C_{1-6}$ -alkyl and  $C_{3-8}$ -cycloalkyl.
59. The compound or salt of claim 57, wherein  $R^{19}$ ,  $R^{20}$  and  $R^{21}$  are independently selected from hydrogen and  $C_{1-6}$ -alkyl.
60. The compound or salt of claim 57, wherein  $R^{19}$  is a  $C_{1-6}$ -alkyl and  $R^{20}$  and  $R^{21}$  are hydrogen;  $R^{19}$  and  $R^{20}$  are hydrogen and  $R^{21}$  is a  $C_{1-6}$ -alkyl;  $R^{19}$  and  $R^{20}$  are independently selected from a  $C_{1-6}$ -alkyl and  $R^{21}$  is H;  $R^{19}$  is H, and  $R^{20}$  and  $R^{21}$  are independently selected from a  $C_{1-6}$ -alkyl; or  $R^{19}$ ,  $R^{20}$  and  $R^{21}$  are independently selected from a  $C_{1-6}$ -alkyl.
61. The compound or salt of claim 59, wherein  $R^{19}$ ,  $R^{20}$  and  $R^{21}$  are hydrogen.
62. The compound or salt of any of claims 57-60, wherein  $R^{19}$  is H.
63. The compound or salt of any of claims 57-60, wherein  $R^{20}$  and  $R^{21}$  are independently selected from the group consisting of hydrogen, Me, Et, Bu, and i-Pr.
64. The compound or salt of claim 63, wherein  $R^{19}$  is H.
65. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is  $-NR^{22}SO_2R^{23}$ .
66. The compound or salt of claim 65, wherein  $R^{22}$  is hydrogen, a  $C_{1-6}$ -alkyl or  $C_{3-8}$ -cycloalkyl and  $R^{23}$  is amino,  $C_{1-6}$ -alkyl or  $C_{3-8}$ -cycloalkyl.
67. The compound or salt of claim 65 or 66, wherein  $R^{22}$  is hydrogen and  $R^{23}$  is a  $C_{1-6}$ -alkyl or  $R^{22}$  and  $R^{23}$  are independently selected from a  $C_{1-6}$ -alkyl.
68. The compound or salt of any of claims 65-66, wherein  $R^{22}$  is hydrogen.
69. The compound or salt of any of claims 65-68, wherein  $R^{23}$  is methyl.
70. The compound or salt of any of claims 65-67, wherein  $R^{22}$  and  $R^{23}$  are methyl.
71. The compound or salt of any of claims 65-67, wherein  $R^{22}$  is hydrogen and  $R^{23}$  is methyl.
72. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is  $-COR^{24}$ .
73. The compound or salt of claim 72, wherein  $R^{24}$  is a  $C_{1-6}$ -alkyl.
74. The compound or salt of claim 72, wherein  $R^{24}$  is methyl.
75. The compound or salt of any of claims 39-44, wherein  $R^{13}$  is  $-CONR^{25}R^{26}$ .

- 76 The compound or salt of claim 75, wherein  $R^{25}$  and  $R^{26}$  are independently selected from hydrogen,  $C_{1-6}$ -alkyl and  $C_{3-8}$ -cycloalkyl.
77. The compound or salt of claim 75, wherein  $R^{25}$  and  $R^{26}$  are independently selected from hydrogen and methyl.
- 5 78. The compound or salt of claim 75, wherein  $R^{25}$  and  $R^{26}$  together with the nitrogen to which they are attached form a piperidinyl, piperazinyl or morpholinyl, wherein said piperidinyl, piperazinyl and morpholinyl are optionally substituted with a  $C_{1-6}$ -alkyl.
79. The compound or salt of claim 75, wherein  $R^{25}$  and  $R^{26}$  together with the nitrogen to which they are attached form a piperidinyl, wherein said piperidinyl is optionally substituted
- 10 with a  $C_{1-6}$ -alkyl.
80. The compound or salt of any of claims 1-31, wherein Q is (vii).
81. The compound or salt of claim 80, wherein Y is a bond and X and Z are selected independently from O;  $NR^{27}$ ; and  $CR^{28}R^{29}$  and  $S(O)_m$ , provided that X and Z may not at the same time be selected from O and S.
- 15 82. The compound or salt of claim 80, wherein Y is a bond and said X and Z are selected independently from  $CR^{28}R^{29}$  and  $NR^{27}$ .
83. The compound or salt of claim 80, wherein X is  $CR^{28}R^{29}$ , Y is a bond and Z is  $NR^{27}$ .
84. The compound or salt of claim 83, wherein  $R^{28}$  and  $R^{29}$  are hydrogen.
85. The compound or salt of claim 81, wherein X is  $CR^{28}R^{29}$  and said  $R^{28}$  and  $R^{29}$  are
- 20 hydrogen.
86. The compound or salt of any of claims 80, wherein X is  $CR^{28}R^{29}$ , Y is a bond and Z is O.
87. The compound or salt of claim 86, wherein  $R^{28}$  and  $R^{29}$  are hydrogen.
88. The compound or salt of claim 80, wherein X is O, Y is a bond and Z is  $CR^{28}R^{29}$ .
- 25 89. The compound or salt of claim 88, wherein  $R^{28}$  and  $R^{29}$  are hydrogen.
90. The compound or salt of any of claims 80-89, wherein said  $R^{27}$  is an acyl.
91. The compound or salt of claim 90, wherein said  $R^{27}$  is a  $C_{1-6}$ -alkylcarbonyl.
92. The compound or salt of claim 83, wherein Z is  $NR^{27}$  and said  $R^{27}$  is a  $C_{1-6}$ -alkylcarbonyl.
- 30 93. The compound or salt of claim 92, wherein said  $R^{27}$  is  $-COCH_3$ .
94. The compound or salt of any of claims 83, wherein X is  $CR^{28}R^{29}$ , said  $R^{28}$  and  $R^{29}$  are hydrogen; Y is a bond; and Z is  $-NR^{27}$ , said  $R^{27}$  is  $-COCH_3$ .



95. The compound or salt of any of claims 80-89, wherein said  $R^{27}$  is selected from the group  $R^{30}SO_2-$ ,  $R^{30}OCO-$  and  $R^{30}SCO-$ .
96. The compound or salt of any of claims 80-89, wherein  $R^{27}$  is  $R^{30}SO_2$ .
97. The compound or salt of claim 96, wherein  $R^{30}$  is  $C_{1-6}$ -alkyl.
- 5 98. The compound or salt of claim 96, wherein  $R^{30}$  is methyl.
99. The compound or salt of any of claims 96-98, wherein X is  $CR^{28}R^{29}$ , Y is a bond and Z is  $NR^{27}$ .
100. The compound or salt of claim 99, wherein  $R^{28}$  and  $R^{29}$  are hydrogen.
101. The compound or salt of any of claims 80-89, wherein  $R^{27}$  is the group  $R^{31}R^{32}NCO-$  or  $R^{30}R^{31}NCS-$ .
- 10 102. The compound or salt of any of claims 80-102, wherein at Y is a bond.
103. The compound or salt of any of claims 80-102, wherein  $R^{33}-R^{36}$  are independently selected from hydrogen and halogen.
- 103a. The compound or salt of any of claims 80-103, wherein  $R^{37}-R^{38}$  are both hydrogen.
- 15 104. The compound or salt of of claim 1, wherein  $R^{1-5}$  is as defined in any of claims 3-11, and  $R^6$  is as defined in claim 13.
105. The compound or salt of of claim 1, wherein  $R^{1-5}$  is as defined in any of claims 3-11, and  $R^6$  is as defined in claim 15, e.g.  $R^6$  is methyl.
106. The compound or salt of claim 1, wherein  $R^6$  is as defined in claim 14 or 15, e.g.  $R^6$  is methyl and  $R^7$  is as defined in claim 31.
- 20 107. The compound or salt of any of claims 102-106, wherein Q is (iii) and said  $R^{12}$  is as defined in claim 41.
108. The compound or salt of any of claims 1-107, wherein  $n=0$ .
109. The compound of or salt of any of the preceding claims, wherein the compound of
- 25 formula I is the (1S,2R)-isomer, i.e. said compound with absolute configuration as shown in formula IA.



(IA)

110. The compound or salt of any of claims 1-108, wherein the compound of formula I is a racemic mixture comprising the (1S,2R)-isomer as defined in claim 109.

111. The compound or salt of any of claims 1-108, wherein the compound of formula I is a mixture of stereoisomers of said compound, which mixture comprises the (1S,2R)-isomer as defined in claim 109.

112. The compound or salt of claim 1 selected from:

- 1a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 10 2a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 3a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 4a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 15 5a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl) amide;
- 6a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl) amide;
- 20 7a. (1S,2R)-1-Phenyl-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 8a. (1S,2R)-2-[1-methanesulphonyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-phenyl-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 25 9a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-phenyl-cyclopropanecarboxylic acid benzyl-methyl-amide;

- 10a. (1S,2R)-2-[4-(4-Chloro-3-trifluoromethyl-phenyl)-4-hydroxy-piperidin-1-ylmethyl]-1-phenyl-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 11a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-phenyl-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 5 12a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 13a. (1S,2R)-1-(4-Chloro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 14a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 10 15a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 16a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-chlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 15 17a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-chlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 18a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-difluoro-phenyl)-cyclopropanecarboxylic acid methyl-(1-phenyl-ethyl)-amide;
- 19a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(3,4-difluoro-phenyl)-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl)-amide;
- 20 20a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl) amide;
- 21a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-phenyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 25 22a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-phenyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 23a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-phenyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 30 24a. (1S,2R)-2-[4-(4-Chloro-3-trifluoromethyl-phenyl)-4-hydroxy-piperidin-1-ylmethyl]-1-phenyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 25a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-phenyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;

- 26a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 27a. (1S,2R)-2-[1-acetyl-5-fluoro-spiro[2,3-dihydro-1H-indol-3,3'-(8'-aza-bicyclo[3.2.1]octane-8'-yl)]-1-(4-chlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 28a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 29a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-chlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 30a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-chlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 31a. (1S,2R)-1-(4-Fluoro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 32a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-fluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 33a. (1S,2R)-1-(3,4-Difluoro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid -methyl-amide;
- 34a. (1S,2R)-2-[1-acetyl-5-fluoro-spiro[2,3-dihydro-1H-indol-3,3'-(8'-aza-bicyclo[3.2.1]octane-8'-yl)]-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 35a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-fluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 36a. (1S,2R)-1-(3,4-Dichlorophenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 37a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 38a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-fluorophenyl)-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl) amide;

- 39a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-(1-phenyl-ethyl)-amide;
- 40a. (1S,2R)-1-(3,4-Dichloro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl) amide;
- 5 41a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl)-amide;
- 42a. (1S,2R)-1-Phenyl-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 10 43a. (1S,2R)-1-(4-Chloro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 44a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 45a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 15 46a. (1S,2R)-1-(4-Chloro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 47a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(4-chloro-phenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 20 48a. (1S,2R)-2-[1-acetyl-5-fluorospiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-chlorophenyl)-cyclopropanecarboxylic acid (2-chlorobenzyl)-methyl-amide;
- 49a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(4-fluoro-phenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 25 50a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(3,4-difluoro-phenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 51a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 52a. (1S,2R)-1-(3,4-Dichlorophenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 30 53a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;

- 54a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (2-chlorobenzyl)-methyl-amide;
- 55a. (1S,2R)-1-(3,4-Dichlorophenyl)-2-(4-phenyl-piperidin-1-ylmethyl)-  
5 cyclopropanecarboxylic acid benzyl-methyl-amide;
- 56a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (1-methyl-1-phenyl-ethyl)-amide.
- 57a. (1S,2R)- 2-(4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-ethyl-amide
- 10 58a. (1S,2R)- 2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide -([R]-1-phenyl-ethyl) amide
- 59a. (1R,2S)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 15 60a. (1R,2R)- 2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide; and
- 61a. (1S,2S)- 2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 62a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([R]1-phenyl-ethyl)-amide;
- 20 63a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([R]-1-phenyl-ethyl)-amide;
- 64a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([R]-1-phenyl-ethyl) amide;
- 25 65a. (1S,2R)-2-[1-acetyl-5-fluoro-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([R]-1-phenyl-ethyl) amide;
- 66a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-phenyl-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 30 67a. (1S,2R)-1-(3,4-Dichlorophenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl)-amide;

- 68a. (1S,2R)-2-[1-acetyl-5-fluoro-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-([S]-1-phenyl-ethyl) amide;
- 69a. (1S,2R)-1-Phenyl-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 70a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-phenyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 71a. (1S,2R)-2-[1-methanesulphonyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-fluophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 72a. (1S,2R)-2-[4-(Acetyl-methyl-amino)-4-phenyl-piperidin-1-ylmethyl]-1-(4-fluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 73a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-(4-fluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 74a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-fluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 75a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 76a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 77a. (1S,2R)-1-(4-Fluoro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid methyl-([S]1-phenyl-ethyl)-amide;
- 78a. (1S,2R)-2-(4-Acetyl-4-phenyl-piperidin-1-ylmethyl)-1-(4-chlorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 79a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(4-chlorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 80a. (1S,2R)-2-(4-Acetyl-amino-4-phenyl-piperidin-1-ylmethyl)-1-(4-fluorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;

- 81a. (1S,2R)-1-(4-Fluoro-phenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 82a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 5 83a. (1S,2R)-1-(3,4-Difluorophenyl)-2-[4-phenyl-4-(piperidine-1-carbonyl)-piperidin-1-ylmethyl]-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 84a. (1S,2R)-2-[1-acetyl-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 10 85a. (1S,2R)-2-[1-acetyl-5-fluoro-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid (2-chloro-benzyl)-methyl-amide;
- 86a. (1S,2R)-1-(3,4-Dichlorophenyl)-2-(4-phenyl-piperidin-1-ylmethyl)-cyclopropanecarboxylic acid 3,4-dichloro-benzylamide;
- 15 87a. (1S,2R)-1-(3,4-Dichlorophenyl)-2-(4-phenyl-piperidin-1-ylmethyl)-cyclopropanecarboxylic acid 3,4-dimethoxy-benzylamide;
- 88a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid phenylamide;
- 89a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (1-methyl-1-phenyl-ethyl)-amide;
- 20 90a. (1S,2R)-1-Phenyl-2-[4-(3-trifluoromethylphenyl)-piperazin-1-ylmethyl]-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 91a. (1S,2R)-2-(4-Benzyl-piperazin-1-ylmethyl)-1-(4-chlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 25 92a. (1S,2R)-1-(4-chlorophenyl)-2-[4-(3-trifluoromethylphenyl)-piperazin-1-ylmethyl]-cyclopropanecarboxylic acid 4-fluorobenzyl-methyl-amide;
- 93a. (1S,2R)-2-(4-Benzyl-piperazin-1-ylmethyl)-1-(4-chlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 94a. (1S,2R)-2-(4-Benzyl-piperazin-1-ylmethyl)-1-phenyl-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 30 95a. (1S,2R)-1-(4-chlorophenyl)-2-[4-(3-trifluoromethylphenyl)-piperazin-1-ylmethyl]-cyclopropanecarboxylic acid benzyl-methyl-amide;



- 96a. (1S,2R)-1-phenyl-2-[4-(3-trifluoromethylphenyl)-piperazin-1-ylmethyl]-cyclopropanecarboxylic acid 4-fluorobenzyl-methyl-amide;
- 97a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid benzyl amide;
- 5 98a. (1S,2R)-2-[1-acetyl-5-fluoro-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-1-(3,4-difluorophenyl)-cyclopropanecarboxylic acid (2-fluoro-benzyl)-amide;
- 99a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-[1-(4-methoxyphenyl)-ethyl]-amide;
- 10 100a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (2-chlorobenzyl) amide;
- 101a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (3,4-dichlorobenzyl) amide;
- 15 102a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid methyl-phenyl-amide;
- 103a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(4-methoxyphenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 104a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-p-tolyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 20 105a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-m-tolyl-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 106a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-m-tolyl-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 25 107a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3-methoxyphenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 108a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(4-methoxyphenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 109a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-p-tolyl-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 30 110a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3-methoxyphenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;

- 111a. (1S,2R)-1-Phenyl-2-(4-phenyl-4-ureido-piperidin-1-ylmethyl)-  
cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 112a. (1S,2R)-1-(3,4-Dichlorophenyl)-2-(4-phenyl-4-ureido-piperidin-1-ylmethyl)-  
cyclopropanecarboxylic acid -benzyl-methyl-amide;
- 5 113a. (1S,2R)-1-Phenyl-2-[4-(3-methyl-ureido)-4-phenyl-piperidin-1-ylmethyl]-  
cyclopropanecarboxylic acid (4-fluorobenzyl)-methyl-amide;
- 114a. (1S,2R)-2-[4-(3-Methyl-ureido)-4-phenyl-piperidin-1-ylmethyl]-1-(3,4-  
dichlorophenyl)-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 115a. (1S,2R)-N-(1-{2-[(4-Fluoro-benzyl)-methyl-carbamoyl]-2-phenyl-  
10 cyclopropylmethyl}-4-phenyl-piperidin-4-yl)-oxalamide;
- 116a. (1S,2R)-N-(1-{2-[benzyl-methyl-carbamoyl]-2-(3,4-dichlorophenyl)-  
cyclopropylmethyl}-4-phenyl-piperidin-4-yl)-oxalamide;
- 117a. (1S,2R)-1-Phenyl-2-(4-methanesulfonylamino-4-phenyl-piperidin-1-  
ylmethyl)-cyclopropanecarboxylic acid -(4-fluorobenzyl)-methyl-amide;
- 15 118a. (1S,2R)-2-(4-Methanesulfonylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-  
dichlorophenyl)-cyclopropanecarboxylic acid -benzyl-methyl-amide;
- 119a. (1S,2R)-{1-[2-((4-fluoro-benzyl)-methyl-carbamoyl)-2-phenyl-  
cyclopropylmethyl]-4-phenyl-piperidin-4-yl}-carbamic acid methyl ester
- 120a. (1S,2R)-(1-{2-benzyl-methyl-carbamoyl]-2-(3,4-dichlorophenyl)-  
20 cyclopropylmethyl}-4-phenyl-piperidin-4-yl)-carbamic acid methyl ester
- 121a. (1S,2R)-1-(3,4-Dichloro-phenyl)-2-[4-(3,3-dimethyl-ureido)-4-phenyl-  
piperidin-1-ylmethyl]-cyclopropanecarboxylic acid benzyl-methyl-amide;
- 122a. (1S,2R)-1-phenyl-2-[4-(3,3-dimethyl-ureido)-4-phenyl-piperidin-1-  
ylmethyl]-cyclopropanecarboxylic acid (4-fluorobenzyl)-methyl-amide;
- 25 123a. (1S,2R)-2-[2-(4-Acetylamino-4-phenyl-piperidin-1-yl)-ethyl]-1-(3,4-  
dichlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 124a. (1S,2R)-2-[3-(4-Acetylamino-4-phenyl-piperidin-1-yl)-propyl]-1-(3,4-  
dichlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 125a. (1S,2R)-2-[4-(2-Acetylamino-5-fluorophenyl)-piperidin-1-ylmethyl]-1-(3,4-  
30 dichlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 126a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-  
dimethylphenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;

- 127a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3,4-dichlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 128a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3-chlorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 5 129a. (1S,2R)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-1-(3-fluorophenyl)-cyclopropanecarboxylic acid (4-fluoro-benzyl)-methyl-amide;
- 130a. (1S, 2R)-1-(3,4-Dichlorophenyl)-2-(4-phenyl-piperidin-1-ylmethyl)-cyclopropanecarboxylic acid methyl-naphthalen-1-ylmethyl-amide;
- 131a. (1S, 2R)-1-(3,4-Dichlorophenyl)-2-[1-acetyl-5-fluoro-spiro[2,3-dihydro-1H-indol-3-yl-3,4'-piperidine-1'-yl-methyl]-cyclopropanecarboxylic acid methyl-naphthalen-1-ylmethyl-amide;
- 10 132a. (1S, 2R)-1-(3,4-Dichlorophenyl)-2-(4-Acetylamino-4-phenyl-piperidin-1-ylmethyl)-cyclopropanecarboxylic acid methyl-naphthalen-1-ylmethyl-amide;
- or a salt thereof.
- 15 113. A pharmaceutical composition comprising a compound as defined in any of claims 1-112.
114. Use of a compound as defined in any of claims 1-112 or a pharmaceutically acceptable salt thereof for the preparation of a medicament for the treatment of diseases selected from the group consisting of: psychotic disorders, schizophrenia, depression,
- 20 anxiety, Parkinson's disease, pain, convulsions, cough, asthma, airway hyperresponsiveness, microvascular hypersensitivity, bronchoconstriction, gut inflammation, inflammatory bowel disease, hypertension, imbalances in water and electrolyte homeostasis, ischemia, oedema, plasma extravasation and obesity.
115. Use of a compound as defined in any of claims 1-112 or a salt thereof for the
- 25 preparation of a medicament for treatment of schizophrenia.
116. Use according to claim 115 for treatment of the positive symptoms of schizophrenia.
117. Use of a compound as defined in any of claims 1-112 or a salt thereof for the manufacture of a pharmaceutical preparation for treatment of a disorder in the central nervous system.
- 30 118. A method for the treatment of diseases selected from the group consisting of: psychotic disorders, schizophrenia, depression, anxiety, Parkinson's disease, pain, convulsions, cough, asthma, airway hyperresponsiveness, microvascular hypersensitivity, bronchoconstriction, gut inflammation, inflammatory bowel disease, hypertension,

imbalances in water and electrolyte homeostasis, ischemia, oedema, plasma extravasation and obesity, comprising administering a therapeutically effective amount of a compound as defined in any of claims 1-112 or a pharmaceutically acceptable salt thereof.

119. The method of the preceding claim, wherein the disease is schizophrenia.
- 5 120. A method for treatment of a disorder in the central nervous system comprising administering a therapeutically effective amount of a compound as defined in any of claims 1-112 or a salt thereof.